



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/841,848

04/25/2001

Sharon Miesen

WNX001

5840

7590

08/10/2005

david Lau  
Wirenix Inc  
3330 Earhart Drive Suite 102  
Carrollton, TX 75006

EXAMINER

BARQADLE, YASIN M

ART UNIT

PAPER NUMBER

2153

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/841,848

Applicant(s)

MIESEN ET AL.

Examiner

Yasin M Barqadle

Art Unit

2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Art Unit: 2153

DETAILED ACTION

Claims 1-20 are presented for examination.

*Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Shiau PUB NO. (20020091527).

As per claim 1, Shiau teaches a method of providing World Wide Web navigation (abstract) to an end-user using a wireless access device (cell phone 101), comprising:

initiating a data connection between the wireless access device (cell phone 101 or pda 402) and a wireless access server

Art Unit: 2153

(web site server 105) [mobile communication device 101 communicates with website server 105 via a wireless network 12. See ¶ 0028];

serving a Web page to the wireless access device (return a web page to the display device of the user 101) over the data connection, the Web page including one or more hyper-links (see fig. 5, URL1, URL2), one of said hyper-links linking to a pre-selected speech server (Speech server 109 ) [WWW Server is communicated via http ¶ 031-0033];

in response to an end-user clicking on the one of said hyper-links, initiating a voice connection between the wireless access device and the pre-selected speech server [voice is session is initiated by pressing hot key 208 on mobile device 101 ¶ 0029-0031];

providing an interactive voice response session over the voice connection between the speech server and the wireless access device, whereby voice prompts are provided to the end-user and the end-user's responses are provided back to the speech server [voice is session is initiated by pressing hot key 208 on mobile device 101 ¶ 0029-0032];

performing a speech to text conversion on a user's spoken

Art Unit: 2153

command (in response to user voice communication a web page is returned to the wireless device ¶ 0031-0032), the converted command indicating a desired resource (web page) [see also figs. 4 and 5 and ¶ 031-0034];

forwarding the converted command from the speech server to the wireless access server [¶ 0028 and ¶ 31-32 and ¶ 0041]; and

serving the desired resource to the wireless access device over the data connection [requested information or page is returned to the user of the wireless device ¶ 31-32].

As per claim 2, Shiau teaches the method of claim 1 wherein the data connection between the wireless access device and the wireless access server is a wireless access protocol (WAP) connection [¶ 0004 and 0032].

As per claim 3, Shiau teaches the method of claim 1 wherein the user's spoken command is a shortcut associated with the uniform reference indicator of the desired resource [voice bookmark is used ¶ 0036].

As per claim 4, Shiau teaches the method of claim 1 wherein the wireless access device is a cellular telephone [cell phone 101].

As per claim 5, Shiau teaches the method of claim 1 wherein the wireless access device is a personal digital assistant [PDA 402, fig. 4].

As per claim 6, Shiau teaches a method of providing World Wide Web navigation services (abstract) to an end-user using a wireless access device (cell phone 101 or PDA 402) comprising:

storing to a database at least one universal resource indicator (URI) and an associated shortcut phrase [¶ 0028-0032 and 0041];

providing a speech server (Speech server 109) that is accessible to the wireless access device [¶ 031-0033];

receiving a spoken command from an end-user [receive voice command input ¶ 0028-0029];

converting the spoken command into a text command [¶ 0028-31 and ¶ 0041];

comparing the text command to the shortcut phrase stored in the database [¶ 0027 and 29];

in response to a determination that the text command matches

the stored shortcut phrase, providing the URI associated with the

Art Unit: 2153

stored shortcut phrase to a wireless access server [¶ 0036 and 0041];

accessing the provided URI and sending the resource having the URI from the wireless access server to the wireless access Device [¶ 0041].

As per claim 7, Shiau teaches the method of claim 6 wherein the resource is a World Wide Web page [¶ 0032].

As per claim 8, Shiau teaches the method of claim 6 wherein the wireless access device is a cellular telephone [cell phone 101, fig. 1].

As per claim 9, Shiau teaches the method of claim 6 wherein the wireless access device is a personal digital assistant [PDA 402, fig. 4].

As per claim 9, Shiau teaches the method of claim 6 wherein the speech server and the wireless access device communicate using the public switch telephone network [¶ 0051].

Art Unit: 2153

As per claim 11, Shiau teaches the method of claim 6 wherein the speech server and the wireless access device communicate using a cellular telephone switch [¶ 0032].

As per claim 12, Shiau teaches the method of claim 6 wherein the wireless access server and the wireless access device communicate using wireless access protocol (WAP) [¶ 0004 and 0032].

As per claim 13, Shiau teaches the method of claim 6 further comprising:

verifying the identity of a user based upon a spoken user identifier [¶ 0036].

As per claim 14, Shiau teaches a system for voice driven navigation of a computer network, the computer network having a plurality of network resources, each such resource having associated with it a unique resource identifier (fig. 13 and ¶ 0041), comprising:

a wireless access device (cell phone 101 or PDA 402);

a wireless switch (wireless gateway server 104) configured to receive transmissions from the wireless access device and the



Art Unit: 2153

forward the transmissions to a public switched telephone network [¶ 0028-0029. see fig. 1];

a speech server (server 109 or 113 in fig. 1) coupled to the public switched telephone network ([¶ 0028), configured to receive voice commands contained in the transmissions from the wireless access device (voice command input is received ¶ 0028-0029) and to convert the voice commands into text commands [¶ 031-0034. See ¶ 0041];

the speech server being further configured to retrieve from a database a resource indicator matching the converted text command and to forward the retrieved resource indicator to a wireless access server [¶ 0028-32 and ¶ 0041];

the wireless access server coupled to the speech server, and being configured to retrieve the resource associated with the resource and to serve the resource to the wireless access device [¶ 0028-32 and ¶ 0041].

As per claim 15, Shiau teaches the system of claim 14 wherein the computer network is the Internet [fig. 1 and ¶ 0007].

As per claim 16, Shiau teaches the system of claim 14 wherein the resource is a World Wide Web page [¶ 0032].

Art Unit: 2153

As per claim 17, Shiau teaches the system of claim 14 wherein the resource is served to the wireless access device using wireless application protocol [¶ 0004 and 0032].

As per claim 5, Shiau teaches a speech server configured to provide voice driven access for navigation of a computer network, the computer network including a plurality of resources, each such resource having a network address associated with it (abstract), comprising:

call manager (request manager 801) coupled to a telephone network (fig. 8) and configured to receive an incoming voice call initiated from a wireless calling device (cell phone 101 or PDA 402) [ ¶ 0036];

a speech to text converter coupled to the call manager (fig.3 and fig. 8 ¶ 031-0033, receiving as input a spoken phrase associated with a desired network address and converting the spoken phrase into a text command [¶ 031-0034];

a comparator, coupled to the speech to text converter and configured to compare the text command to entries stored in a network address database [¶ 0027 and 29];

a network connection coupled to the computer network and configured to forward a selected network address from the network address database to a computer network server, whereby

Art Unit: 2153

the computer network server will serve up the resource associated with the selected network address to the wireless calling device [¶ 0028 and ¶ 31-32 and ¶ 0041].

As per claim 19, Shiau teaches the speech server of claim 18 wherein the computer network is the Internet [fig. 1 and ¶ 0007].

As per claim 20, Shiau teaches the speech server of claim 18 wherein the resource is a World Wide Web page [¶ 0032].

### **Conclusion**

The prior made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin Barqadle whose telephone number is 703-305-5971. The examiner can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Burgess can be reached on 703-305-4792. The fax phone numbers for the organization where this application or proceeding is assigned


Art Unit: 2153

are 703-872-9306 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Yasin Barqadle

Art Unit 2153

  
GLENTON B. BURGESS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100